

What is claimed is:

1. An information input/output device for visually impaired users comprising:
 - a braille output unit having a plurality of projectable dotted portions and enabling output of a plurality of braille patterns by controlling the projection of said dotted portions,
 - an input means having a push part which is operated by a pushing operation, and
 - a recognition means recognizing that an operation concerning the braille patterns output by said braille output unit is input when said push part is pushed within a predetermined period of time after the braille patterns are output by said braille output unit;
 - wherein said push part of said input means comprises said braille output unit.
2. An information input/output device for visually impaired users according to claim 1,
 - wherein said braille output unit enables output of braille patterns at a plurality of positions along a transverse direction which is perpendicular to a direction of projection of said dotted portions, and
 - said braille output unit comprises a control means of braille pattern with controls the projection of said dotted portions in accordance with the output braille pattern, and further controls the projection of said dotted portions so as to move a braille pattern output by said dotted portions along the transverse direction while maintaining an arrangement of said braille pattern.
3. An information input/output device for visually impaired users according to claim 1,
 - wherein a plurality of said input means, each comprising said braille output unit, is provided.
4. An information input/output device for visually impaired users according to claim 2,

wherein a plurality of said input means, each comprising said braille output unit, is provided.

FIG. 10 is a perspective view of the device of FIG. 9, showing the device in a folded position.